

No. 607,289.

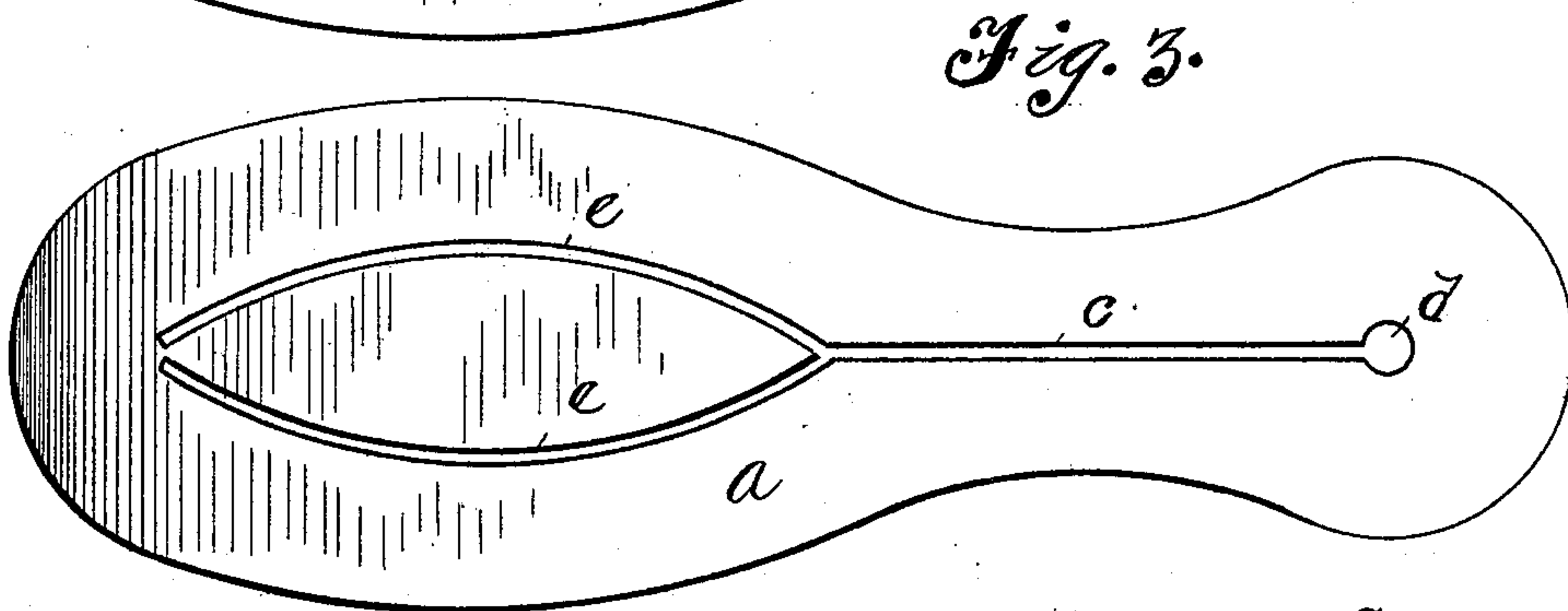
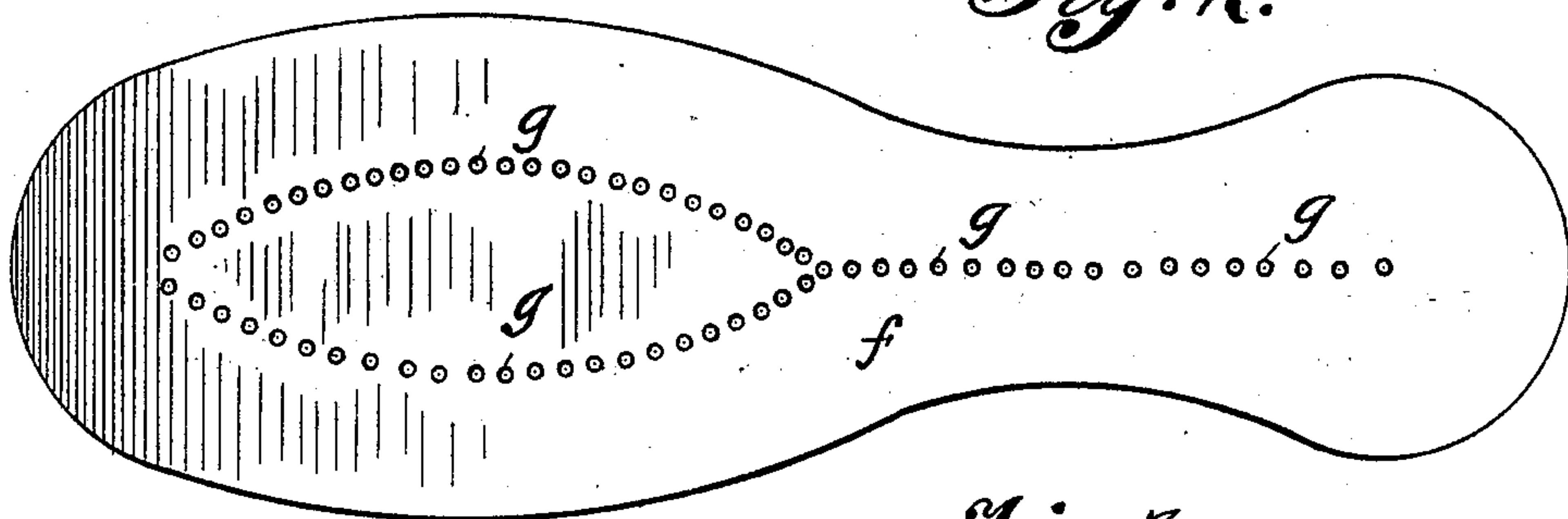
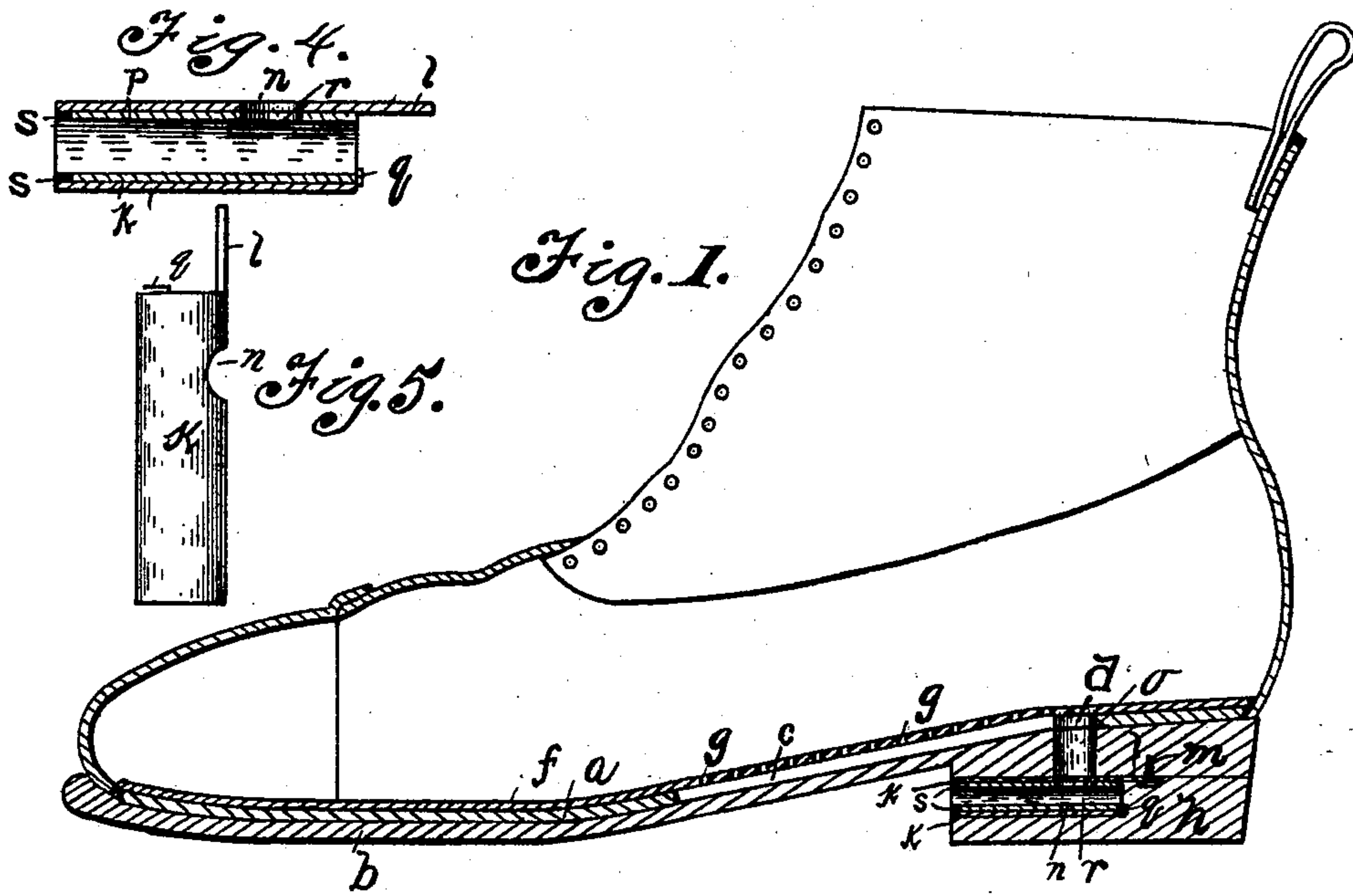
Patented July 12, 1898.

P. STAYERT.
VENTILATED BOOT OR SHOE.

(Application filed Mar. 20, 1897.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses
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No. 607,289.

Patented July 12, 1898.

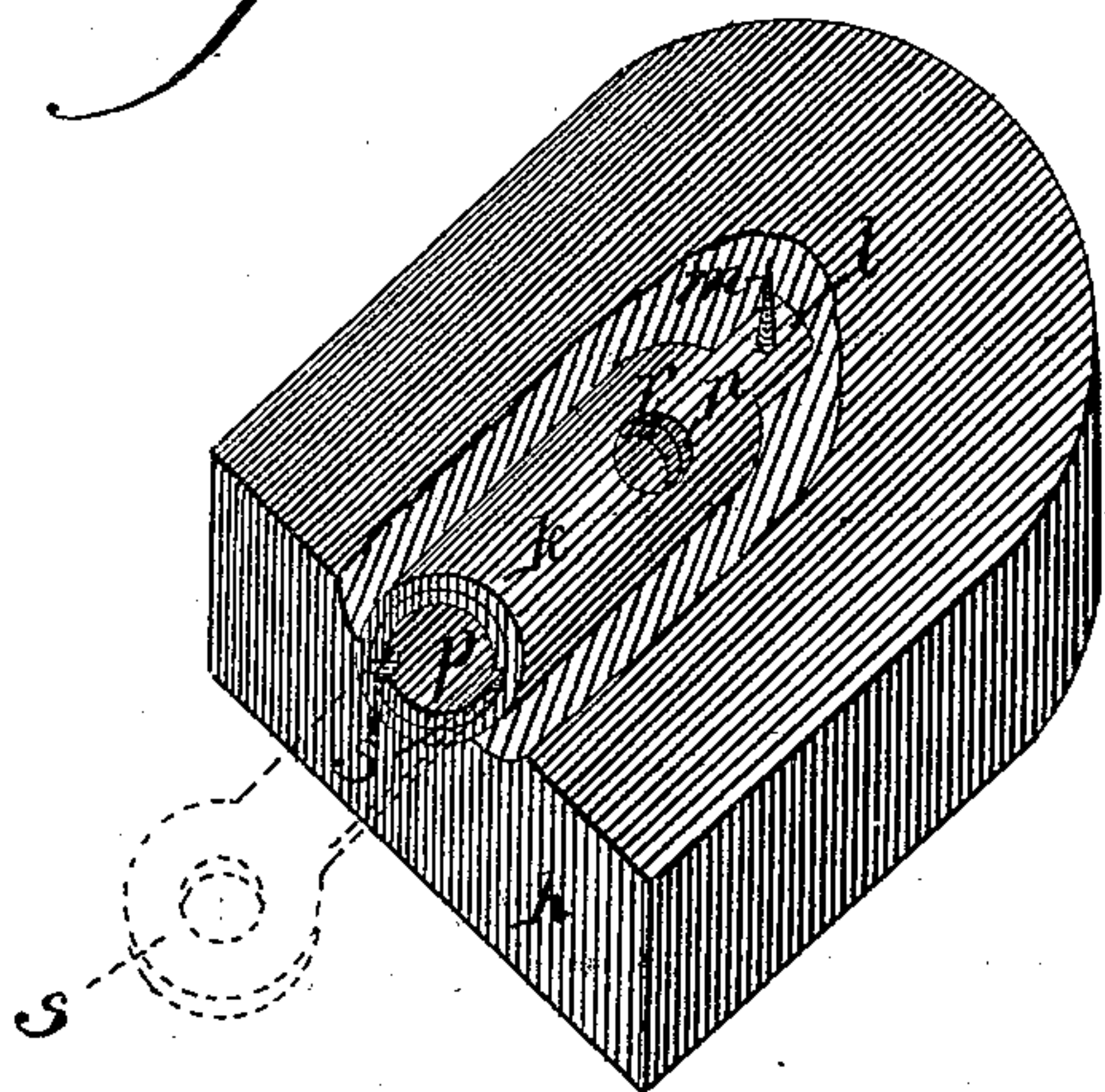
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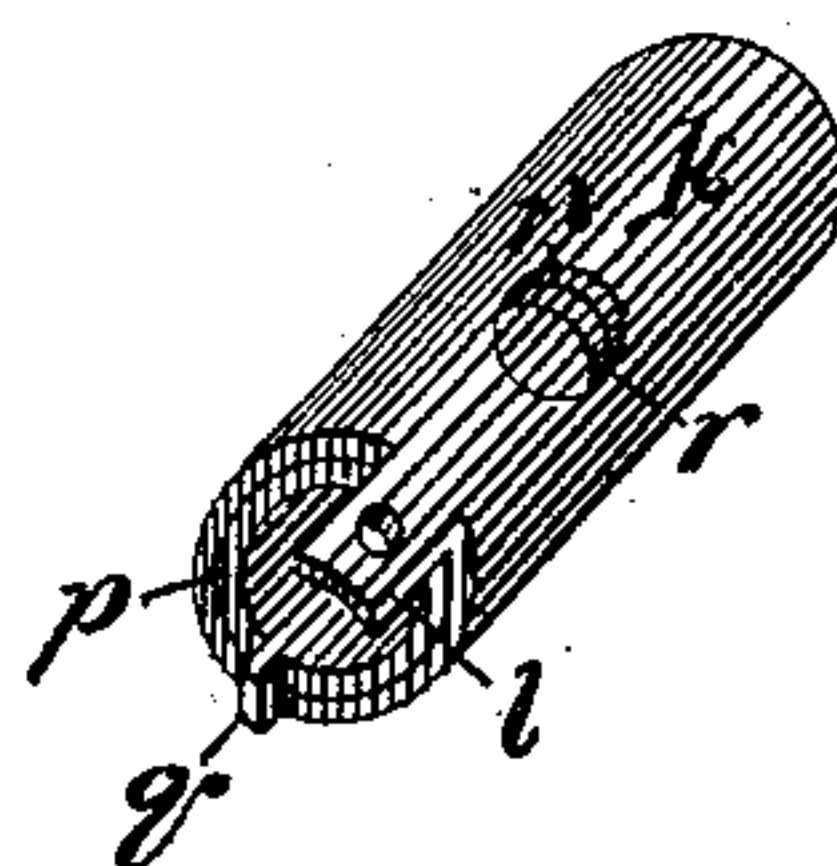
(No Model.)

2 Sheets--Sheet 2.

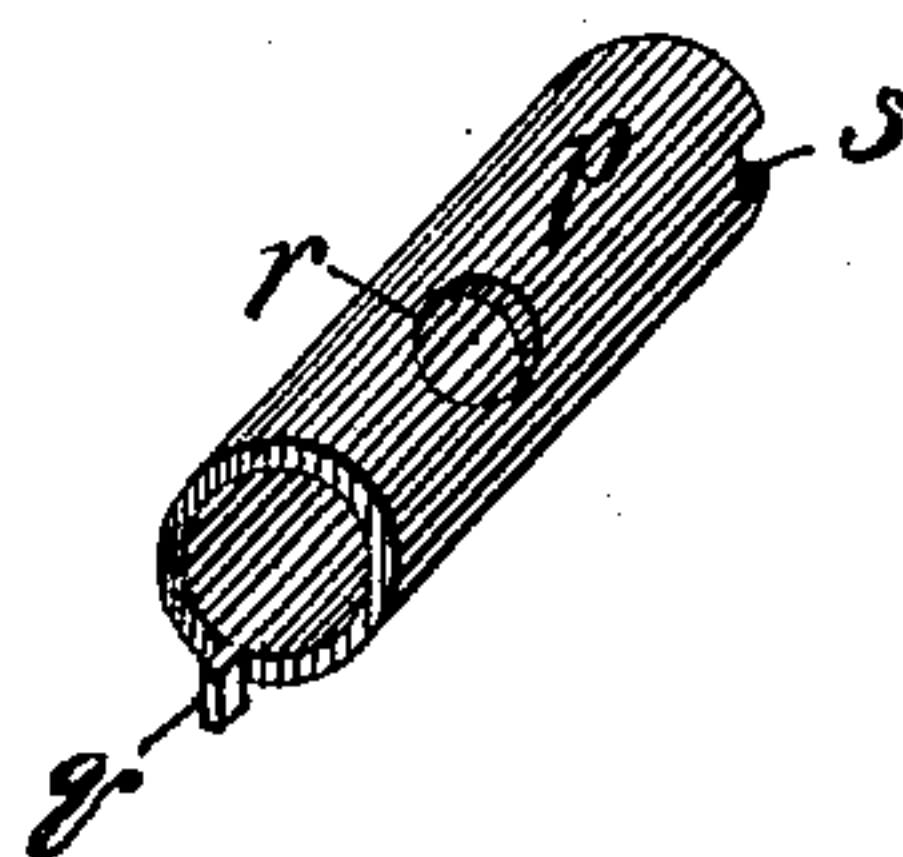
F Fig. 6.



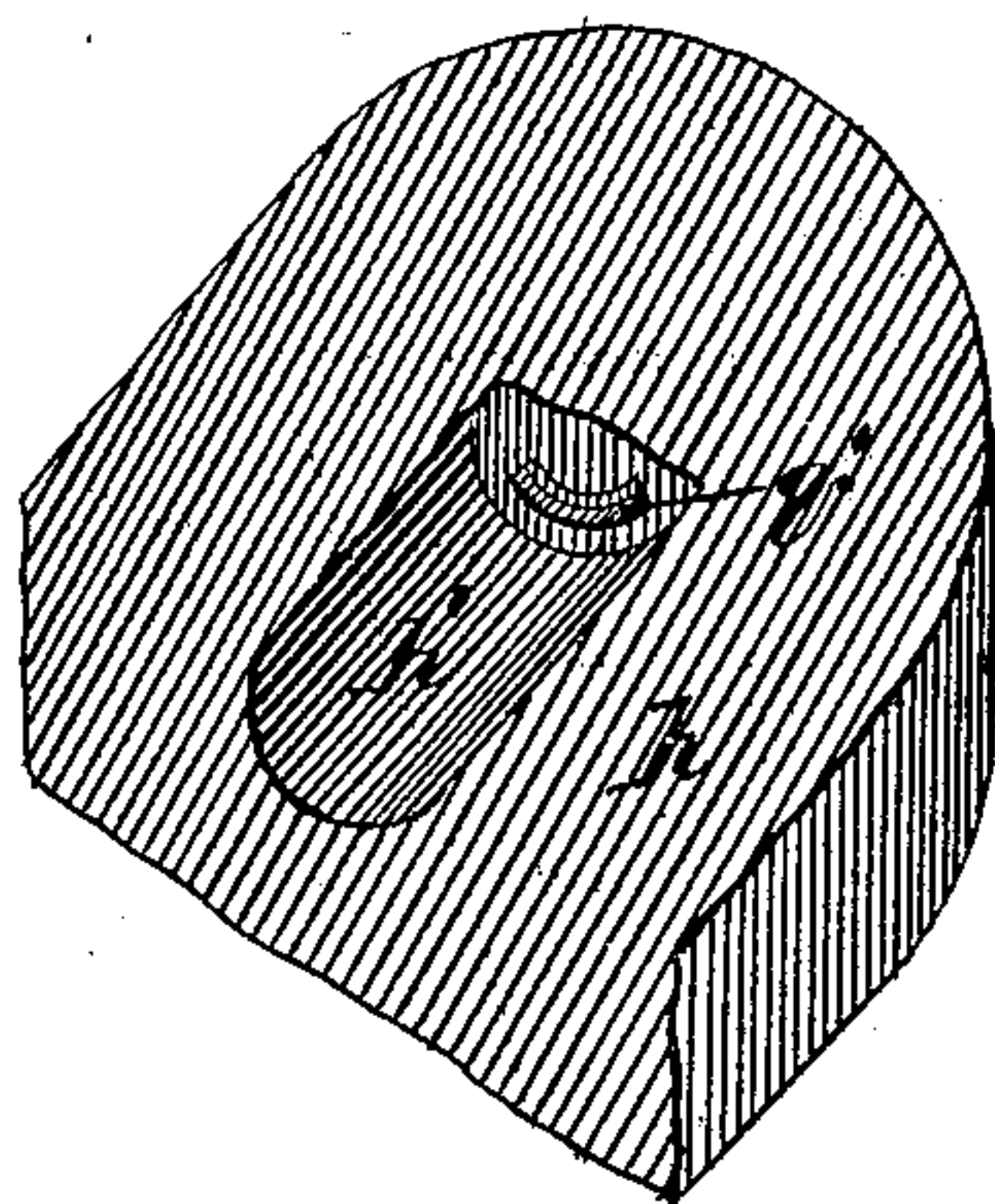
F Fig. 8.



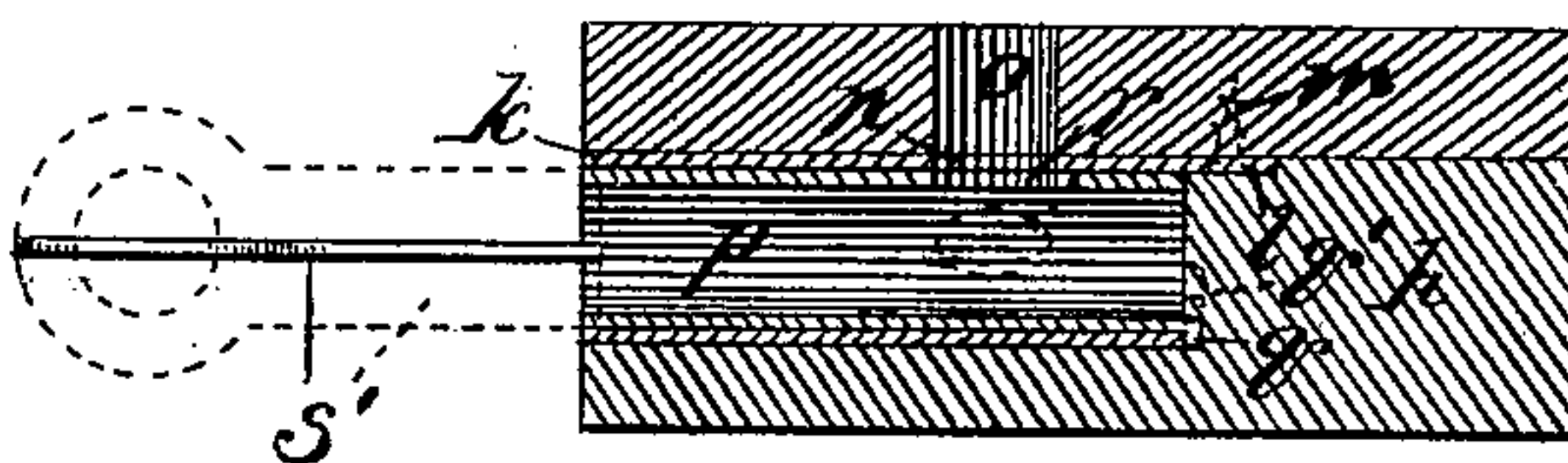
F *Fig. 9*



F 79.7.



F fig. 10.



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• **BY**

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UNITED STATES PATENT OFFICE.

PETER STAYERT, OF PITTSBURG, PENNSYLVANIA.

VENTILATED BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 607,289, dated July 12, 1898.

Application filed March 20, 1897. Serial No. 628,481. (No model.)

To all whom it may concern:

Be it known that I, PETER STAYERT, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Ventilated Boots or Shoes, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in boots and shoes, and has for its object to provide novel and efficient means for ventilating the shoe and also to provide simple means for closing the ventilation-port, so as to effectually exclude the water from entering the same during damp weather.

20 The invention aims to provide this novel ventilation means, which may be readily applied to either a boot or shoe and that will be entirely hidden from view, so as not to change the appearance in any manner of the ordinary boot and shoe.

25 The invention further resides in the simplicity of construction, strength, durability, effectiveness, and comparative small cost of manufacture.

30 With the above and other objects in view the invention finally consists in the novel construction, combination, and arrangement of parts to be hereinafter more specifically described, and particularly pointed out in the claim.

35 In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like letters of reference indicate similar parts throughout the several views, in which—

40 Figure 1 is a longitudinal sectional view of the shoe, showing my improved ventilating means applied thereto. Fig. 2 is a plan view of the top insole. Fig. 3 is a similar view of the underneath insole. Fig. 4 is a longitudinal sectional view of a double sleeve arranged in the heel to admit the air, and Fig. 5 is a side elevation of the same. Fig. 6 is a perspective view of a boot or shoe heel broken away to show the sleeve in position. Fig. 7 is a perspective view of the heel partly broken away with the sleeve removed. Fig. 8 is a perspective view of the outer sleeve, showing

the inner sleeve in position. Fig. 9 is a perspective view of the inner sleeve. Fig. 10 is a longitudinal sectional view of the heel and sleeves, showing the position of the spanner in full lines when the openings register and the position of the same in dotted lines when the openings are closed.

Referring now to the drawings by reference-letters, *a* indicates the intermediate sole, which is of course shaped to conform to the shoe and rests upon the sole proper, *b*. This intermediate sole is provided with a slot *c*, extending longitudinally therewith and terminating at one end in an opening *d*, which is preferably arranged about centrally of that portion of the sole that rests over the heel. At its other end this slot *c* divides into two branches *e*, which are preferably arranged in a diamond or elliptical form, as shown by the drawings.

75 The insole *f* is provided with a series of apertures or openings *g*, which are so arranged as to register with the slots *c* and *e*.

In the upper and forward part of the heel *h* is provided a recess *h'*, which is adapted to receive a sleeve *k*, fitting neatly therein and extending in alinement with the shoe. This sleeve is provided at its rear end with a projection *l*, adapted to receive a screw or pin *m* for securing the same firmly to the heel portion of the sole *b*. This sleeve *k* is also provided with an aperture *n*, which registers with an aperture *o* in the said heel portion of the sole *b* and with the aperture *d* of the intermediate sole *a*. Within the sleeve *k* and fitting neatly therein is an auxiliary sleeve *p*, which has formed integral with its inner end a button *q*, adapted to engage in and operate within a recess *q'*, formed in the heel *h* at the rear of the recess *h'*, said button serving to hold the auxiliary sleeve *p* within the sleeve *k* by reason of its engaging the end of said sleeve *k*. This auxiliary sleeve *p* is likewise provided with an aperture or opening *r*, which registers with the opening *n* in the sleeve *k* when it is desired to admit the air into the boot or shoe. The sleeve *p* is also provided at its forward end with two notches or recesses *s*, which are adapted to receive a spanner or other suitable device *s'* for the purpose of operating the auxiliary sleeve *p* and turning the same within the sleeve *k* in a manner

to close the air-port into the shoe by the moving of the auxiliary sleeves sufficiently to bring the aperture *r* out of its registering position with the aperture *n*. This closing of the
5 apertures effectually prevents any water from passing into the shoe through the air-port.

It will also be noted that various changes may be made in the details of construction without departing from the general spirit of
10 my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a ventilated boot or shoe, an insole provided with apertures, an intermediate sole having slots registering with said apertures,
15 a main sleeve provided with an extension *l* se-

cured to the heel, said main sleeve being provided with an aperture registering with an aperture in the heel, an auxiliary sleeve provided with an aperture registering with the
20 aperture in the main sleeve, a button formed on the inner end of the auxiliary sleeve and engaging the end of the main sleeve and recesses formed in the outer edge of the auxiliary sleeve to receive a key whereby the same
25 is turned, substantially as herein shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

PETER STAYERT.

Witnesses:

A. M. WILSON,

J. P. APPLEMAN.